

What is claimed is:

1. A method of fabricating a color filter substrate for use in a liquid crystal display device, the method comprising:
forming a black matrix on a substrate, the black matrix having an identification mark and an alignment key;
forming a pattern in the black matrix; and
forming red, green and blue color filters in the pattern of the black matrix.
2. A method according to claim 1, wherein the black matrix includes chrome (Cr).
3. A method according to claim 1, wherein the black matrix includes chrome and chrome oxide double layer.
4. A method according to claim 1, wherein the black matrix includes a resin having carbon.
5. A method according to claim 1, wherein the identification mark includes a sign.
6. A method according to claim 1, wherein the identification mark includes a character.
7. A method according to claim 6, wherein the character includes an alphabet and a number.

8. A method according to claim 1, wherein the identification mark stores information for at least one of a manufacturer, a color filter type, a fabrication method and a type of black matrix.

9. A method according to claim 1, wherein the identification mark stores information for any combination of a manufacturer, a color filter type, a fabrication method and a type of black matrix.

10. A method according to claim 1, wherein the identification mark and the alignment key are formed at a periphery of the substrate.

11. A method according to claim 1, further including a transparent conductive layer over the color filter.

12. A method according to claim 1, further including an overcoat layer between the transparent conductive layer and the color filter.

13. A color filter substrate for use in a liquid crystal display device comprising:
a substrate;
a black matrix having a pattern on the substrate;
red, green and blue color filters corresponding to the pattern; and
an identification mark at a periphery of the substrate.

14. A color filter substrate according to claim 13, further comprising an alignment key at the periphery of the substrate.

15. A color filter substrate according to claim 14, wherein the alignment key is adjacent the identification mark at the periphery of the substrate.

16. A method of fabricating a liquid crystal display device, the method comprising:

forming a black matrix on a first substrate, the black matrix having an identification mark at a periphery of the first substrate;

forming a pattern in the black matrix corresponding to color filters;

forming the color filters in the pattern of the black matrix;

forming a transparent conductive layer over the color filters; and

assembling the first substrate to a second substrate.

17. A method according to claim 16, wherein the black matrix further includes an alignment key at the periphery of the first substrate.

18. A method according to claim 16, wherein the black matrix includes chrome (Cr).

19. A method according to claim 16, wherein the black matrix includes chrome and chrome oxide double layer.

20. A method according to claim 16, wherein the black matrix includes a resin having carbon.

21. A method according to claim 16, wherein the identification mark includes a sign.

22. A method according to claim 16, wherein the identification mark includes a character.

23. A method according to claim 22, wherein the character includes an alphabet and a number.

24. A method according to claim 16, wherein the identification mark stores information for at least one of a manufacturer, a color filter type, a fabrication method and a type of black matrix.

25. A method according to claim 16, wherein the identification mark stores information for any combination of a manufacturer, a color filter type, a fabrication method and a type of black matrix.

26. A method according to claim 16, wherein the identification mark and the alignment key are formed at a periphery of the substrate.

27. A liquid crystal display device comprising:
- a first substrate;
 - a second substrate;
 - a liquid crystal layer between the first and second substrates;
 - a black matrix on the first substrate, the black matrix having a pattern and an identification mark at a periphery of the first substrate;
 - color filters corresponding to the pattern in the black matrix; and
 - a transparent conductive layer on the color filters.
28. A liquid crystal display device according to claim 27, further comprising an overcoat layer between the color filters and the transparent conductive layer.
29. A liquid crystal display device according to claim 27, further comprising an alignment key at the periphery of the substrate.
30. A liquid crystal display device according to claim 29, wherein the alignment key is adjacent the identification mark at the periphery of the substrate.
31. A liquid crystal display device according to claim 27, wherein the black matrix includes chrome.
32. A liquid crystal display device according to claim 27, wherein the black matrix includes chrome and chrome oxide double layer.

34. A liquid crystal display device according to claim 27, wherein the identification mark stores information for at least one of a manufacturer, a color filter type, a fabrication method and a type of black matrix.

DC:70756.1